

PUBLIC NOTICE



**US Army Corps
of Engineers
Kansas City District**

**Permit No. 200101344
Issue Date: October 22, 2001
Expiration Date: November 12, 2001**

21-Day Notice

JOINT PUBLIC NOTICE: This public notice is issued jointly with the Kansas Department of Health and Environment. The Department of Health and Environment will use the comments to this notice in deciding whether to grant Section 401 water quality certification. Commenters are requested to furnish a copy of their comments to the Kansas Department of Health and Environment, Bureau of Water - Nonpoint Source Section, Building 283, Forbes Field, Topeka, Kansas 66620.

APPLICANT: City of Lawrence, Kansas
Department of Public Works
Post Office Box 708
Lawrence, KS 66044-0708

PROJECT LOCATION (As shown on the attached drawings): The proposed project is located on the Hidden Valley Tributary of Yankee Tank Creek in Section 10, Township 13 south, Range 19 east, in Douglas County, Kansas.

AUTHORITY: Section 404 of the Clean Water Act (33 USC 1344).

ACTIVITY (As shown on the attached drawings): **PROPOSED:** Construct a bridge consisting of five double-cell box culverts and channelize the Hidden Valley Tributary to Yankee Tank Creek for a total of 1,300 linear feet. The proposed work would involve the discharge of approximately 985 cubic yards of concrete, 135 cubic yards of riprap, and 4,187 cubic yards of fill material within waters of the United States.

The project purpose, as stated by the applicant, is to replace an undersized structure in order to help relieve flooding of existing streets and homes to the north. The proposed structure is designed to meet standards for a 100-year storm event.

WETLANDS: No wetlands will be impacted by the proposed project.

ADDITIONAL INFORMATION: Additional information about this application may be obtained by contacting Stephen H. Penaluna, U.S. Army Corps of Engineers, Kansas State Regulatory Office, 2710 NE Shady Creek Access Road, El Dorado, Kansas 67042 or by calling 316-322-8247 (FAX 316-322-8259) (email at stephen.h.penaluna@usace.army.mil). All comments to this public notice should be directed to the above address.

STATE AUTHORIZATION: The applicant has applied for a permit from the Kansas Department of Agriculture pursuant to Kansas Statutes Annotated 82a-301 to 305.

CULTURAL RESOURCES: Kansas City District will comply with the National Historic Preservation Act of 1966 and 36 CFR 800. We have checked the National Register of Historic Places and the Federal Register and

no property listed in the Register or proposed for listing is located in the permit area. This is the extent of our knowledge about historic properties in the permit area at this time. However, we will evaluate input by the State Historic Preservation Officer and the public in response to this public notice, and we may conduct or require a reconnaissance survey of the permit area to check for unknown historic properties, if warranted.

ENDANGERED SPECIES: In compliance with the Endangered Species Act, a preliminary determination has been made that the described work will not affect species designated as threatened or endangered or adversely affect critical habitat. In order to complete our evaluation of this activity, comments are solicited from the U.S. Fish and Wildlife Service and other interested agencies and individuals.

FLOODPLAINS: This activity is being reviewed in accordance with Executive Order 11988, Floodplain Management, which discourages direct or indirect support of floodplain development whenever there is a practicable alternative. By this public notice, comments are requested from individuals and agencies that believe the described work will adversely impact the floodplain.

WATER QUALITY CERTIFICATION: Section 401 of the Clean Water Act (33 USC 1341) requires that all discharges of dredged or fill material must be certified by the appropriate state agency as complying with applicable effluent limitations and water quality standards. This public notice serves as an application to the state in which the discharge site is located for certification of the discharge. The discharge must be certified before a Department of the Army permit can be issued. Certification, if issued, expresses the state's opinion that the discharge will not violate applicable water quality standards.

PUBLIC INTEREST REVIEW: The decision to issue a permit will be based on an evaluation of the probable impact including the cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, esthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs and, in general, the needs and welfare of the people. The evaluation of the impact of the activity on the public interest will include application of the guidelines promulgated by the Administrator, Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act (33 USC 1344). The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

COMMENTS: This notice is provided to outline details of the above-described activity so this District may consider all pertinent comments prior to determining if issuance of a permit would be in the public interest. Any interested party is invited to submit to this office written facts or objections relative to the activity on or before the public notice expiration date. Comments both favorable and unfavorable will be accepted and made a part of the record and will receive full consideration in determining whether it would be in the public interest to issue the Department of the Army permit. Copies of all comments, including names and addresses of commenters, may be provided to the applicant. Comments should be mailed to the address shown on page 1 of this public notice.

PUBLIC HEARING: Any person may request, in writing, prior to the expiration date of this public notice, that a public hearing be held to consider this application. Such requests shall state, with particularity, the reasons for holding a public hearing.

CROSSGATE DRIVE PHASE II (24TH PLACE TO 27TH STREET) STREET, STORM & WATERLINE IMPROVEMENTS

ENGINEERING DEPARTMENT
CITY OF LAWRENCE PROJECT NO.
88-CP25-1200(BD) "AND" 89-ST21-1200(BD)

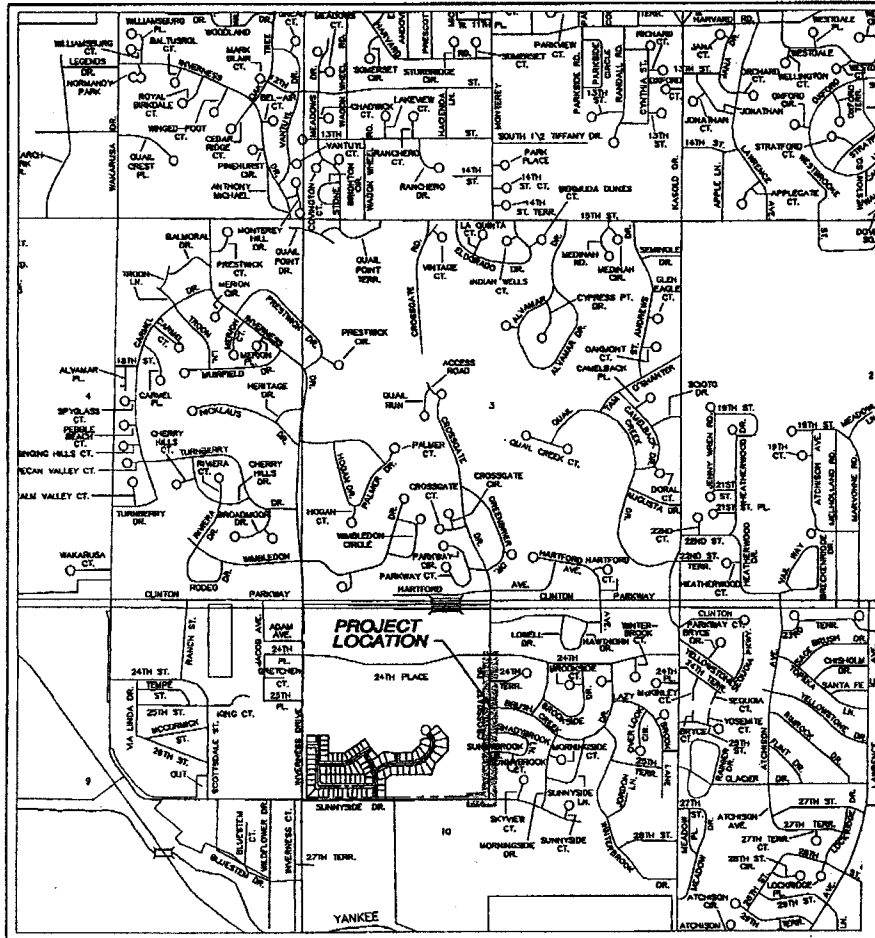


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UTILITIES

DIG SAFE	1-800-344-7233
SOUTHWESTERN BELL	278-6149
KANSAS PUBLIC SERVICE (GAS)	843-7842
KPL GAS SERVICE (ELECTRIC)	865-4854
CITY OF LAWRENCE (SEWER)	832-7800
CITY OF LAWRENCE (WATER)	832-7800
SUNFLOWER CABLE TV	841-2100
WILLIAMS NATURAL GAS CO.	1-913-845-2552



PREPARED BY:

LANCE M. JOHNSON, P.E. DATE
PROJECT ENGINEER

APPROVED FOR CONSTRUCTION:

TERESE GORMAN, P.E. DATE
CITY ENGINEER

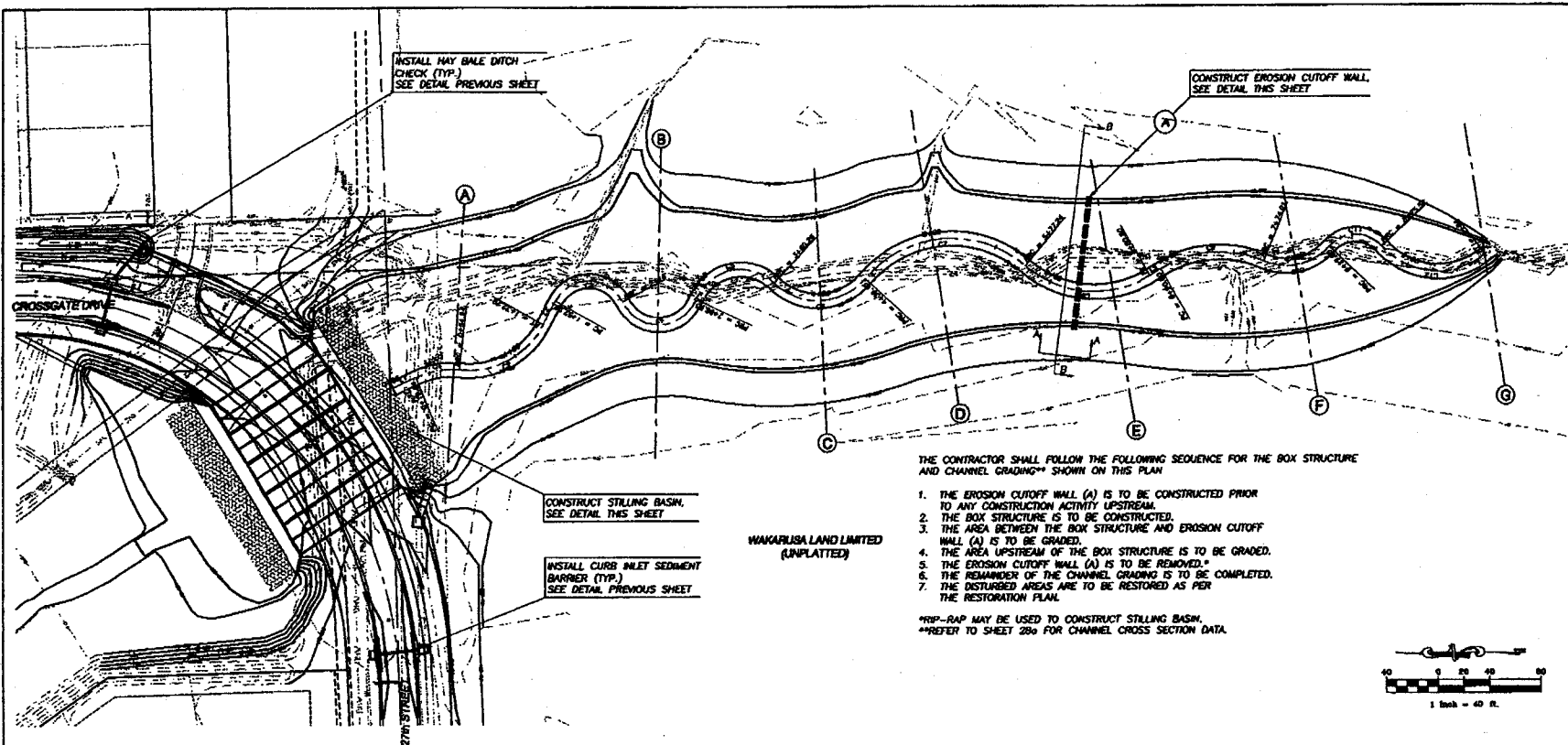
APPLICATION NO. 2001001344
BY CITY OF LAWRENCE, KANSAS
FOR CHANNELIZATION
TRIB. OF YANKEE TANK CREEK
DOUGLAS COUNTY, KANSAS
SHEET 1 OF 6

CROSSGATE DRIVE PHASE II
24TH PLACE TO 27TH STREET
Street, Storm & Waterline Improvements

Lawrence, Kansas

PROFESSIONAL ENGINEER

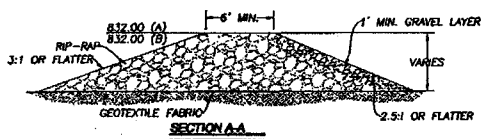
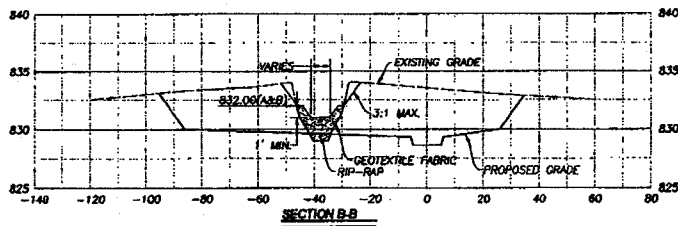
REV.	DATE	COMMENTS	BY	APP.
1	08/02/2001	COMMENTS		



THE CONTRACTOR SHALL FOLLOW THE FOLLOWING SEQUENCE FOR THE BOX STRUCTURE AND CHANNEL GRADING** SHOWN ON THIS PLAN

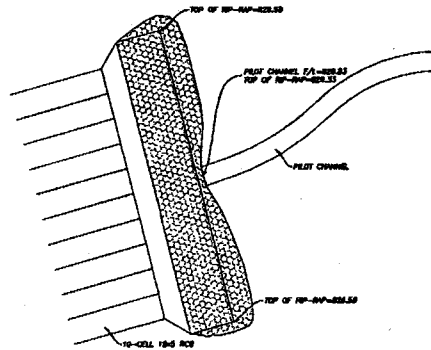
1. THE EROSION CUTOFF WALL (A) IS TO BE CONSTRUCTED PRIOR TO ANY CONSTRUCTION ACTIVITY UPSTREAM.
2. THE BOX STRUCTURE IS TO BE CONSTRUCTED.
3. THE AREA BETWEEN THE BOX STRUCTURE AND EROSION CUTOFF WALL (A) IS TO BE GRADED.
4. THE AREA UPSTREAM OF THE BOX STRUCTURE IS TO BE GRADED.
5. THE EROSION CUTOFF WALL (A) IS TO BE REMOVED.*
6. THE REMAINDER OF THE CHANNEL GRADING IS TO BE COMPLETED.
7. THE DISTURBED AREAS ARE TO BE RESTORED AS PER THE RESTORATION PLAN.

*RIP-RAP MAY BE USED TO CONSTRUCT STILLING BASIN.
**REFER TO SHEET 28a FOR CHANNEL CROSS SECTION DATA.



EROSION CUTOFF WALL DETAIL

NOT TO SCALE



STILLING BASIN DETAIL

NOT

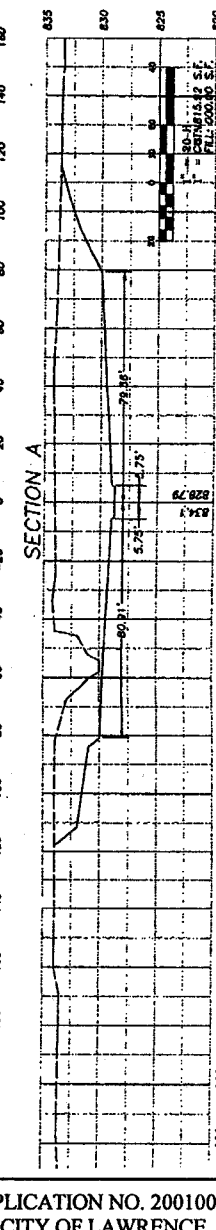
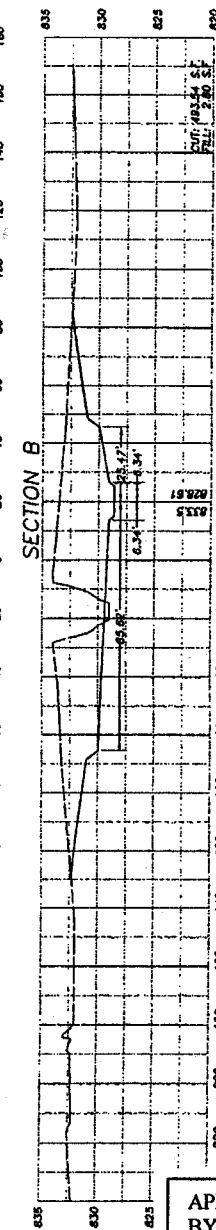
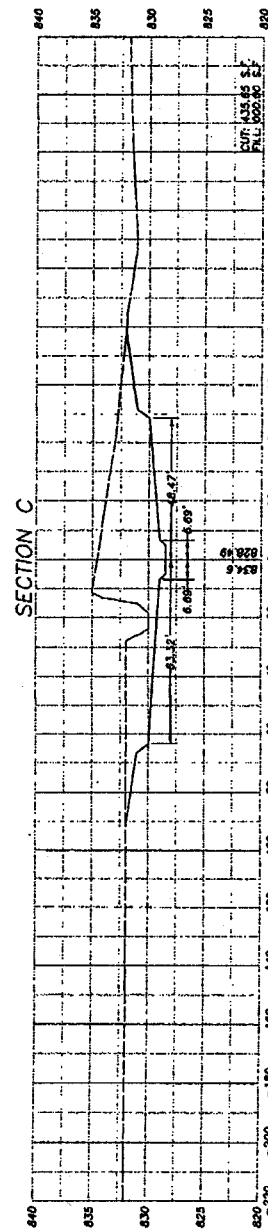
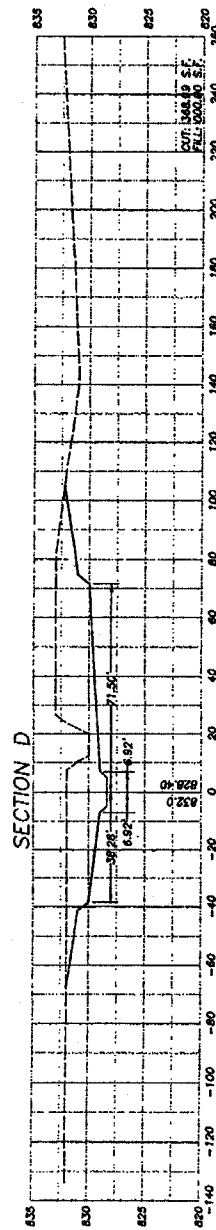
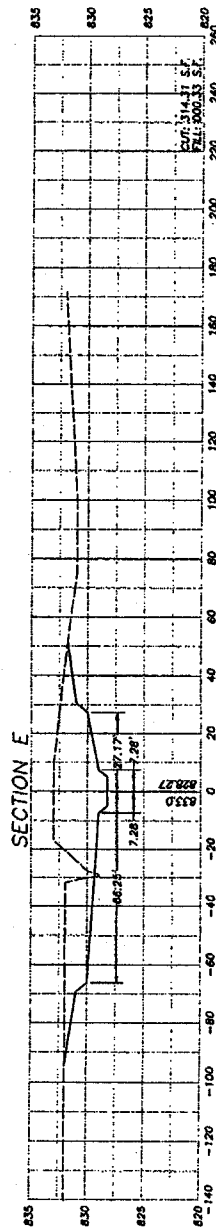
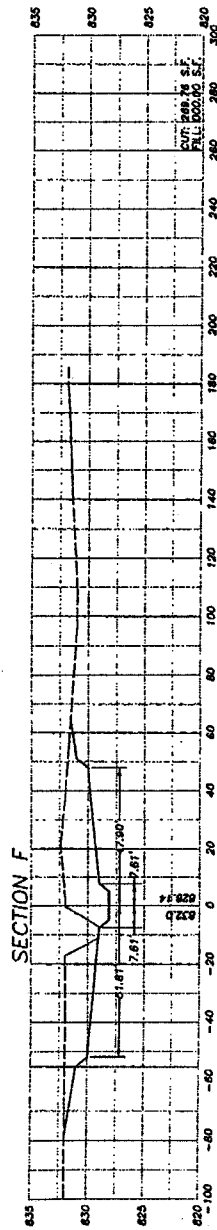
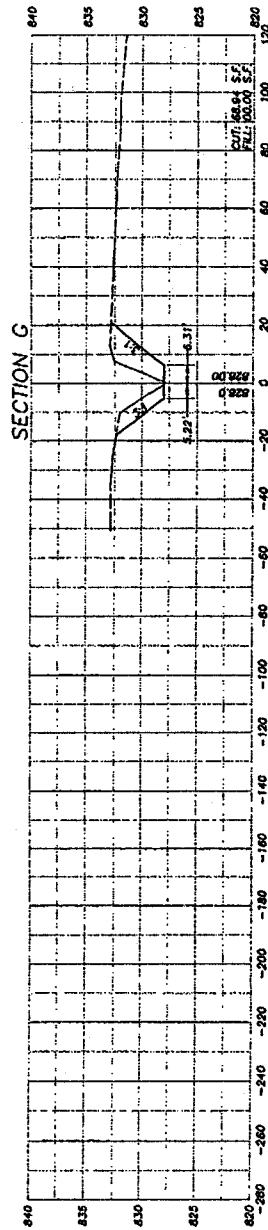
**CROSSGATE DRIVE PHASE II
 24TH PLACE TO 27TH STREET**
 Street, Storm, & Wasteline Improvements

Lawrence, Kansas
 RCB & Channel
 Grading Plan

PROFESSIONAL ENGINEER

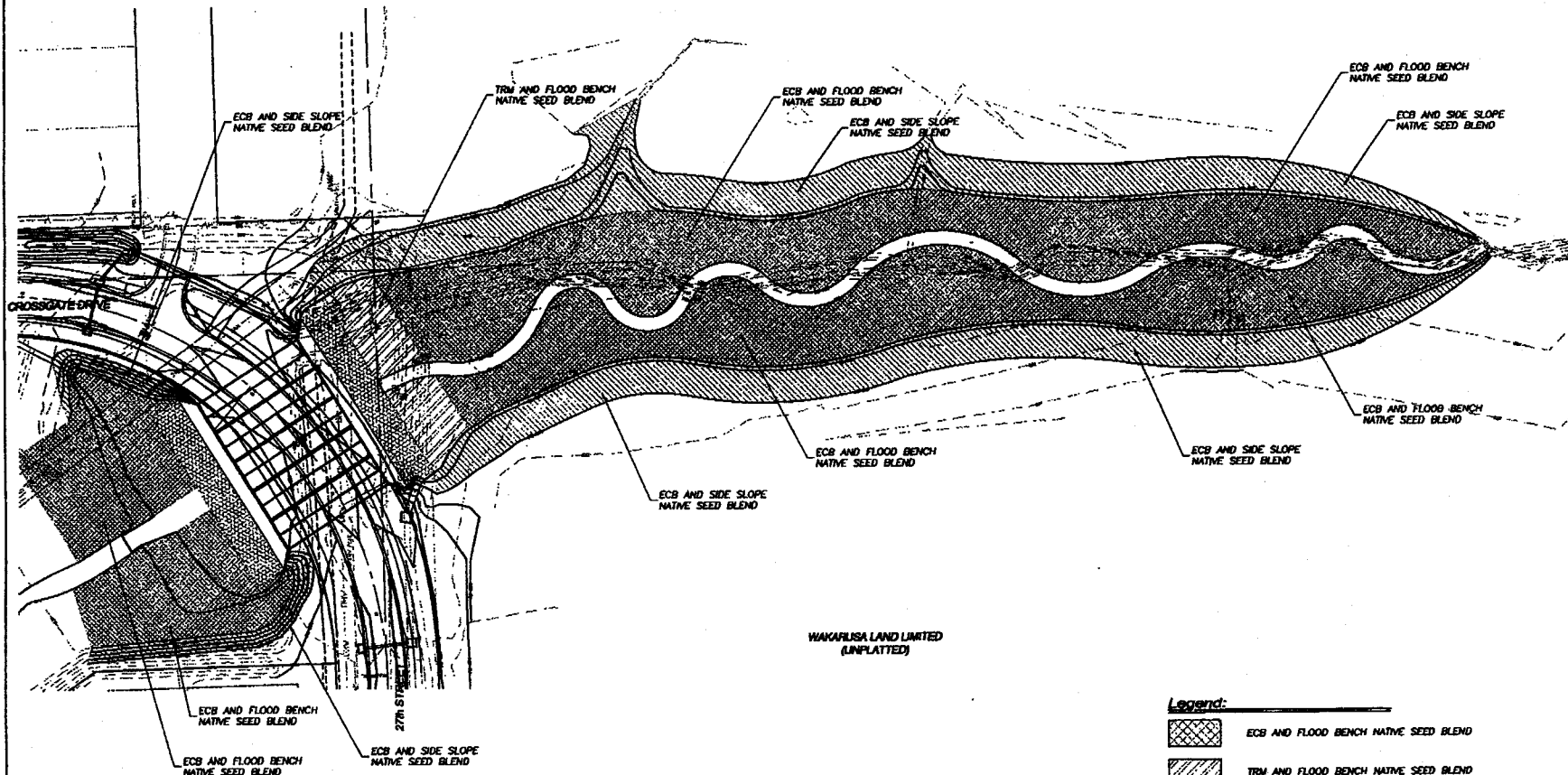
REV.	DATE	COMMENTS	BY	CHK	APP
1	06/02/01	CITY COMMENTS	WJS	WJS	
2	09/24/01	CITY COMMENTS	WJS	WJS	
3	09/28/01	PER. FOR CONST. MFG.	WJS	WJS	

APPLICATION NO. 2001001344
 BY CITY OF LAWRENCE, KANSAS
 FOR CHANNELIZATION
 TRIB. OF YANKEE TANK CREEK
 DOUGLAS COUNTY, KANSAS
 SHEET 2 OF 6






APPLICATION NO. 2001001344
 BY CITY OF LAWRENCE, KANSAS
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 TRIB. OF YANKEE TANK CREEK
 DOUGLAS COUNTY, KANSAS
 SHEET 3 OF 6

REV.	DATE	COMMENTS	BY
1	09/26/01	PRE-CONST. MTG. REVIEW	JOS



Legend:

-  ECB AND FLOOD BENCH NATIVE SEED BLEND
-  TRM AND FLOOD BENCH NATIVE SEED BLEND
-  ECB AND SIDE SLOPE NATIVE SEED BLEND

PROJECT TO BE CONSTRUCTED PER SECTIONS 2800-2850



CROSSGATE DRIVE PHASE II
24TH PLACE TO 27TH STREET
 Street, Storm, & Waterline Improvements

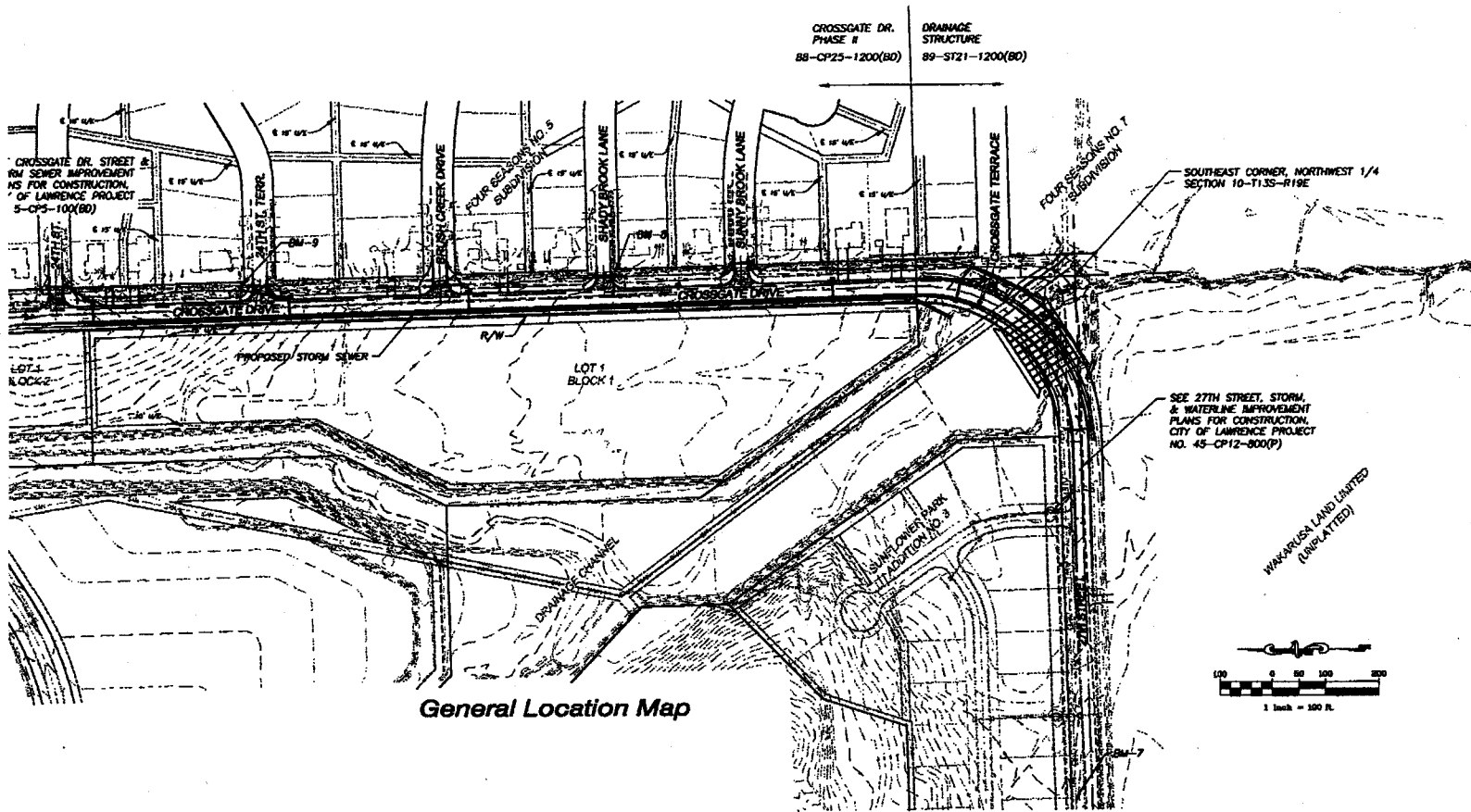
Lawrence, Kansas
 Landscape
 Restoration Plan

PROFESSIONAL ENGINEER

REV.	DATE	COMMENTS
1	08/02/01	CITY COMMENTS
2	08/04/01	CITY COMMENTS
3	08/28/01	PER PRE-CONST. MTG.

PROJECT RECORD

APPLICATION NO. 2001001344
 BY CITY OF LAWRENCE, KANSAS
 FOR CHANNELIZATION
 TRIB. OF YANKEE TANK CREEK
 DOUGLAS COUNTY, KANSAS
 SHEET 4 OF 6



General Location Map

Project Benchmarks

- BM-1: RAILROAD SPIKE IN NORTH FACE OF UTILITY POLE, 30' EAST & 220' SOUTH OF CENTER OF INTERSECTION OF CROSSGATE & CLINTON PARKWAY. ELEV. 867.05
- BM-6: RAILROAD SPIKE IN SOUTH FACE OF UTILITY POLE, 740' EAST OF INTERSECTION OF 27TH & INVERNESS, 30' NORTH OF 27TH ST. CENTERLINE. ELEV. 860.42
- BM-7: RAILROAD SPIKE IN NORTH FACE OF UTILITY POLE, 980' EAST OF BM# 6. ELEV. 841.59
- BM-8: RAILROAD SPIKE IN WEST FACE OF UTILITY POLE, 510' SOUTH OF BM# 9. ELEV. 841.13
- BM-9: RAILROAD SPIKE 1 WEST FACE OF UTILITY POLE, 855' SOUTH OF BM# 1. ELEV. 849.75

**CROSSGATE DRIVE PHASE II
 24TH PLACE TO 27TH STREET**
 Street, Storm & Waterline Improvements

Lawrence, Kansas
 General Layout

PROFESSIONAL ENGINEER

REV.	DATE	BY	CHKD.	COMMENTS
1	02/27/01			CITY COMMENTS

APPLICATION NO. 2001001344
 BY CITY OF LAWRENCE, KANSAS
 FOR CHANNELIZATION
 TRIB. OF YANKEE TANK CREEK
 DOUGLAS COUNTY, KANSAS
 SHEET 5 OF 6

